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Form 504	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY E. Lester Jones, Director	
State: Florida	
C. & G. SURVEY L. & A. NOV 26 1926	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. " H " 4572
LOCALITY Tampa Bay Gulf Coast	
South Part of Clearwater Harbor and Gulf Coast from Indian Rocks Beach to Little Pass.	
1926	
CHIEF OF PARTY Ray. L. Schorpe	

GOVERNMENT PRINTING OFFICE

11
December 8, 1926.

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in
2 volumes of sounding records for

HYDROGRAPHIC SHEET NO. 4572

Locality: FLORIDA WEST COAST.

Chief of Party: R. L. Schoppe in 1926.

Plane of reference is M L W

2.0 ft. on tide staff at Dunedin.

2.9 ft. ----- do ----- Egmont Key.

3.5 ft. ----- do ----- Indian Rock Bridge.

For reduction of soundings, condition of records satisfactory
except as checked below:

1. Locality and sublocality of survey omitted.
2. Month and day of month omitted
3. Time meridian not given at beginning of day's work.
4. Time (whether A. M. or P. M.) not given at beginning of day's work.
5. Soundings (whether in feet or fathoms) not clearly shown in record.
6. Leadline correction entered in wrong column.
7. Field reductions entered in "Office" column.
8. Location of tide gauge not given at beginning of each day's work.
9. Leadline corrections not clearly stated.
10. Kind of sounding tube used not stated.
11. Sounding tube No. entered in column of "Soundings instead of "Remarks".
12. Legibility of record could be improved.
13. Remarks.

G. V. Rose

Chief, Division of Tides and Currents.

DESCRIPTIVE REPORT

to accompany

SHEET #

FIELD SHEET "H"

GULF COAST OF FLORIDA

CLEARWATER HARBOR

STEAMER BACHE

1926

DESCRIPTIVE REPORT

to accompany

SHEET #

FIELD SHEET "H"

GULF COAST OF FLORIDA

CLEARWATER HARBOR

STEAMER BACHE

1926

This work is done under authorization issued to the Steamer HYDROGRAPHER dated June 3, 1924, and additional instructions issued to the Steamer BACHE dated December 3, 1925.

The sheet covers the South end of Clearwater Harbor from Lat. $27^{\circ}53'$ to the Bellview Hotel in Lat. $27^{\circ}56\frac{1}{2}'$. It also covers the inshore area on the Gulf Coast adjacent to the above area and extending North to Little Pass. On the South it joins sheet "G" of this party and on the West and North, it joins work done by the Steamer HYDROGRAPHER.

The whole area is unimportant. This section of Clearwater Harbor is used only by a few shallow draft pleasure craft. There is practically no boating inshore along this part of the Gulf. A staked channel from Indian Rocks to the deep water of Clearwater Harbor is good for a draft of about 4 feet. It is narrow in the cuts. In one or two spots on the sheet, less water is shown, but this was caused by failing to hit the deepest part of the cut.

Currents are not strong. At highest tides, as much as $1\frac{1}{2}$ knots was estimated. They set fair with the channel and turn at about the times of High and Low Water.

Within the area of this sheet there are no landmarks except the Bellview Hotel. (See Topo sheet). This is a large structure, but it lacks any distinguishing point for use as a survey signal.

At the present time, a draw span on the abandoned R. R. bridge is lifted high in the air, (Signal "Top"), but this is likely to be moved at any time.

This sheet was surveyed by R. C. Overton, Mate. No unusual methods were used. A table of statistics is attached.

Respectfully submitted,

Ray L. Schoppe

Approved and forwarded

Ray L. Schoppe

Ray L. Schoppe, Chief of Party.

STATISTICS

SHEET NO.

(Field letter "H")

Date, 1926	Letter	Volume	Positions	Soundings	Miles Statute	Vessel
August 24	a	1	188	545	32.0	Lch. # 2
TOTAL			188	595	32.0	

Date, 1926	Letter	Volume	Positions	Soundings	Miles Statute	Vessel
August 23	a	1	37	203	5.5	Lch. #1
" 25	b	1	146	729	25.0	" "
" 26	c	1	94	448	13.0	" "
TOTAL			277	1380	43.5	

Report on verification of H. 4572

The sounding records are complete as regards field notes, but a few notes regarding the plotting of the smooth sheet would have been helpful.

It was necessary to correct the protracting of mine positions and in two instances the plotting of soundings was in error.

Between positions 14a + 15a, 20a + 21a, and 24a + 25a the Field Party spaced the soundings to make the channel crossings correct and not according to time interval. It was assumed that the Field Party had additional information on this point and the plotting was therefore accepted by the verifier.

Between Bm. #78a and O Dim there are not enough soundings to clearly mark the channel. In five places on the east shore of the harbor it was necessary to slightly adjust the shoreline to make it agree with the soundings. The 7 ft. sounding near position 314 appears doubtful. O Hit on the smooth sheet corresponds to O Slam on the topographic sheet.

The field drafting was good and conforms to the General Instructions.

IN REPLY ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO No. 11-DRM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

April 14, 1927.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4572

Clearwater Harbor, Tampa Bay, Florida

Surveyed in 1926

Instructions dated June 3, 1924 (HYDROGRAPHER)

December 3, 1925 (BACHE)

Chief of Party, R. L. Schoppe.

Surveyed by R. C. Overton.

Protracted by C. A. Egner.

Soundings plotted by H. A. Karo.

Verified and inked by C. E. Christopherson.

1. The records conform to the requirements of the General Instructions except that sudden changes in depth should have been O.K.d in the records.
2. The plan and character of development conform to the requirements of the General Instructions.
3. The plan and extent of development satisfy the specific instructions except that the work should have been extended to the head of the bay in front of the Belleview Hotel. Also additional soundings should have been taken in the channel between Bn 78^a and C Din to obtain the deepest water.
4. The information is sufficient for drawing the usual depth curves.
5. The usual field plotting was done by the field party and was well executed. There were several departures in plotting the soundings, from the recorded time interval so as to make the channel crossings correct. These were not changed in the office as it was assumed that the field party had sufficient reason for this procedure.

6. The junctions with the adjoining sheets will be taken up when those sheets are reviewed.
7. No additional work is necessary within the survey limits of this sheet.
8. Character and scope of surveying - very good.
Field drafting - very good.
9. Reviewed by A. L. Shalowitz, April, 1927.

Approved:

Chief, Section of Field Records (Charts)

Chief, Section of Field Work (H. & T.) *Q*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4572

HYDROGRAPHIC TITLE SHEET

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. H 4572

REGISTER NO.

State Florida

General locality Tampa Bay Gulf Coast Florida

Locality S. Part of Clearwater Harbor and Gulf Coast

Scale 1:10,000 Date of survey August, 1926

Vessel Str. BACHE

Chief of Party Ray L. Schoppe

Surveyed by R. C. Overton

Protracted by C. A. Egner

Soundings penciled by E. A. Kuro

Soundings in fathoms feet

Plane of reference M. L. W.

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated June 3, 1924 December 3, 1925

Remarks: